

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-09 20:35:35

Date of Next Testing: 2027-02-08 20:35:35

Product Name: **Alizarin violet**

CAS Number: 2103-64-2

Specifications &amp; Purity: &gt;85.0%(HPLC)

Lot #: B2304086

SKU #: **A116396****Analysis: 137101**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
E (1%/1cm)(pH 6.8 buffer sol.,532.0 - 535.0 nm)	≥360	783.84
λ max.(pH 6.8 buffer sol.)	532-535 (nm)	534.00 nm
Purity(HPLC)	85-100 (%)	91.30500 %
Appearance (A116396)	Brown to Very Dark Brown Powder	Brown to Very Dark Brown to Amber to Dark purple to Black solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager